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L10

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<u>L10</u>	L9 and p21	2	<u>L10</u>
<u>L9</u>	tankyrase	18	<u>L9</u>
<u>L8</u>	L3 and modulat\$	6	<u>L8</u>
<u>L7</u>	l3 same modulat\$	0	<u>L7</u>
<u>L6</u>	L3 and (poly adj adp adj ribos\$)	1	<u>L6</u>
<u>L5</u>	L3 and parp	1	<u>L5</u>
<u>L4</u>	L3 same (poly adj adp adj ribose adj polymerase\$)	0	<u>L4</u>
<u>L3</u>	taho	100	<u>L3</u>
<u>L2</u>	tankyrase adj h	1	<u>L2</u>
<u>L1</u>	tankyrase h	2709293	<u>L1</u>

=> s E3;D

L1 1 TANKYRASE/CN

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 9055-67-8 REGISTRY

CN Synthetase, poly(adenosine diphosphoribose) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Adenine dinucleotide phosphoribosyl transferase

CN Poly(adenosine 5'-diphosphoribose) synthetase

CN Poly(adenosine diphosphate ribose) polymerase

CN Poly(adenosine diphosphate ribose) synthetase

CN Poly(adenosine diphosphoribose) polymerase

CN Poly(adenosine diphosphoribose) synthase

CN Poly(adenosine diphosphoribose) synthetase

CN Poly(ADP-ribose) phosphodiesterase

CN Poly(ADP-ribose) polymerase

CN Poly(ADP-ribose) synthase

CN Poly(ADP-ribose) synthetase

CN Poly(ADP-ribosyl) polymerase

CN Poly(ADPR) synthetase

CN **Tankyrase**

DR 70712-49-1

MF Unspecified

CI MAN

LC STN Files: ADISNEWS, AGRICOLA, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,  
CAPLUS, CHEMCATS, CIN, EMBASE, PROMT, TOXCENTER, USPAT2, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

2683 REFERENCES IN FILE CA (1962 TO DATE)

19 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

2692 REFERENCES IN FILE CAPLUS (1962 TO DATE)

?s tankyrase (w) h  
                   217 TANKYRASE  
           6471751 H  
       S1          2 TANKYRASE (W) H  
 ?rd  
 ...completed examining records  
       S2          2 RD (unique items)  
 ?show files;ds;t/3,k/all  
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Set	Items	Description
S1	2	TANKYRASE (W) H
S2	2	RD (unique items)

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**2/3,K/1 (Item 1 from file: 399)**  
 DIALOG(R)File 399:CA SEARCH(R)  
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**134337621 CA: 134(24)337621v PATENT**  
**Cloning and sequence of tankyrase H and uses in screening for modulators of the cell cycle**  
 INVENTOR(AUTHOR): Luo, Ying; Chan, Eva; Xu, Xiang; Huang, Betty  
 LOCATION: USA  
 ASSIGNEE: Rigel Pharmaceuticals, Inc.  
 PATENT: PCT International ; WO 200130987 A2 DATE: 20010503  
 APPLICATION: WO 2000US41528 (20001025) \*US 427154 (19991025)  
 PAGES: 63 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-009/00A  
 DESIGNATED COUNTRIES: AU; CA; JP DESIGNATED REGIONAL: AT; BE; CH; CY; DE  
 ; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

**2/3,K/2 (Item 1 from file: 357)**  
 DIALOG(R)File 357:Derwent Biotech Res.  
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0270230 DBA Accession No.: 2001-09984 PATENT  
**Novel recombinant cell cycle polypeptide, \*tankyrase\*--H\* useful for inducing or preventing cell proliferation in cells, and for diagnosing, treating or preventing cell cycle associated disorders such as cancer - involving vector-mediated gene transfer for expression in host cell; gene therapy**  
 AUTHOR: Luo Y; Chan E; Xu X; Huang B  
 CORPORATE SOURCE: San Francisco, CA, USA.  
 PATENT ASSIGNEE: Rigel-Pharmaceuticals 2001  
 PATENT NUMBER: WO 200130987 PATENT DATE: 20010503 WPI ACCESSION NO.: 2001-300503 (2031)  
 PRIORITY APPLIC. NO.: US 427154 APPLIC. DATE: 19991025  
 NATIONAL APPLIC. NO.: WO 2000US41528 APPLIC. DATE: 20001025  
 LANGUAGE: English

**Novel recombinant cell cycle polypeptide, \*tankyrase\*--H\* useful for inducing or preventing cell proliferation in cells, and for diagnosing, treating or preventing cell cycle associated disorders such as cancer**  
 ABSTRACT: A recombinant cell cycle protein, \*tankyrase\*--H\* (I) comprising

an amino acid sequence having at least 85% sequence identity with a sequence comprising 1,100 or 1,240 amino acids, is claimed...

DESCRIPTORS: recombinant \*tankyrase\*-\*H\* cell cycle protein prep.,  
vector-mediated gene transfer, expression in host cell, monoclonal  
antibody, appl. antisense DNA, RNA, cancer therapy, diagnosis,  
prevention, gene therapy, drug...

?

?s taho (s) (cell (w) cycle)

23 TAHO

12374095 CELL

1873312 CYCLE

S3 0 TAHO (S) (CELL (W) CYCLE)

?s taho (s) (poly (w) adp (w) ribos?)

23 TAHO

2035380 POLY

204387 ADP

509445 RIBOS?

S4 0 TAHO (S) (POLY (W) ADP (W) RIBOS?)

?s taho and (poly (w) adp (w) ribos?)

23 TAHO

2035380 POLY

204387 ADP

509445 RIBOS?

27821 POLY(W)ADP(W)RIBOS?

S5 0 TAHO AND (POLY (W) ADP (W) RIBOS?)